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CASCADED BIQUADS****Publication Classification**(51) **Int. Cl.****H03H 17/02** (2006.01)**G06F 17/10** (2006.01)(52) **U.S. Cl.****CPC** **H03H 17/0248** (2013.01); **G06F 17/10**
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(57)

ABSTRACT

An improved biquad infinite impulse response filter is shown that may be implemented in a very large instruction word digital signal processor as well as in other processing circuitry. The new filter structure modifies the feedback path in the filter, resulting in a significant reduction in execution cycles.

